

In the Claims:

Claims 1-14 were pending.

Claims 1-14 are canceled.

Claims 15-35 are added.

5 Claims 15-35 are pending.

Listing of Claims:

Claims 1-14 (Canceled).

New Claims:

15. (New) A process for improving the print quality of a print job having black content, the black content having a predetermined location on a print medium, the process comprising:

5 determining when the print medium is incompatible with black pigment based ink;

 applying a sufficient quantity of black dye based ink to essentially completely cover the predetermined location when the print medium is incompatible with the black pigment based ink; and

10 not applying the black pigment based ink on the predetermined location when the print medium is incompatible with the black pigment based ink;

 fortifying the black content by applying the black dye based ink on the predetermined location; and

15 printing the black content by applying the black pigment based ink on the predetermined location when the print medium is not incompatible with the black pigment based ink.

16. (New) The process of claim 15, further comprising determining when the print medium is incompatible with the black pigment based ink in
20 response to a selected print mode.

17. (New) The process of claim 15, further comprising determining when the print medium is incompatible with the black pigment based ink in response to a media detector detecting that the print medium is incompatible
25 with pigment based ink.

18. (New) The process of claim 15, wherein fortifying further comprises applying the black dye based ink on the predetermined location in an essentially uniform, partial density pattern.

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19. (New) The process of claim 15, wherein fortifying further comprises applying a sufficient quantity of the black dye based ink to essentially completely cover the predetermined location.

5 20. (New) The process of claim 15, wherein fortifying further comprises applying the black dye based ink on an edge of the predetermined location.

21. (New) A process for improving the print quality of a print job
10 having black content, the black content having a predetermined location on a print medium, the method comprising:

 fortifying the black content by applying a black dye based ink on the predetermined location;

 printing the black content by applying a black pigment based ink on the
15 predetermined location, wherein fortifying comprises applying the black dye based ink on an edge of the predetermined location.

22. (New) The process of claim 21, wherein fortifying further comprises applying the black dye based ink on the predetermined location in an
20 essentially uniform, partial density pattern.

23. (New) The process of claim 21, wherein fortifying further comprises applying a sufficient quantity of the black dye based ink to essentially completely cover the predetermined location.

25 24. (New) An apparatus for improving the print quality of a print job having black content, the black content having a predetermined location on a print medium, the apparatus comprising:

a first printhead configured to fire black dye based ink droplets on the print medium;

a second printhead configured to fire black pigment based ink droplets on the print medium; and

5 a processing system configured to fortify the black content by controlling the first printhead to fire droplets on the predetermined location and to print the black content by controlling the second printhead to fire droplets on the predetermined location, wherein the processing system is further configured to determine when the print medium is incompatible with the black pigment
10 based ink and to control the second printhead to omit the firing of droplets on the predetermined location when the print medium is incompatible with the black pigment based ink.

25. (New) The apparatus of claim 24, wherein the processing system is
15 further configured to control the first printhead to fire droplets on the predetermined location in an essentially complete coverage when the print medium is incompatible with the black pigment based ink.

26. (New) The apparatus of claim 24, further comprising a user
20 interface configured to receive a selected print mode, the user interface being configured to communicate with the processing system, wherein the processing system is further configured to determine when the print medium is incompatible with the black pigment based ink based on the selected print mode.

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27. (New) The apparatus of claim 24, further comprising a media
detector configured to detect a print medium type, the media detector being
configured to communicate with the processing system, wherein the processing
system is further configured to determine whether the print medium is
30 incompatible with pigment based ink based on the print medium type.

28. (New) The apparatus of claim 24, wherein the processing system is further configured to fortify the black content by controlling the first printhead to fire droplets on the predetermined location in an essentially uniform, partial
5 density pattern.

29. (New) The apparatus of claim 24, wherein the processing system is further configured to fortify the black content by controlling the first printhead to fire sufficient droplets essentially completely covering the predetermined
10 location.

30. (New) The apparatus of claim 24, wherein the processing system is further configured to fortify the black content by controlling the first printhead to fire droplets on an edge of the predetermined location.
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31. (New) An apparatus for improving the print quality of a print job having black content, the black content having a predetermined location on a print medium, the apparatus comprising:

a first printhead configured to fire black dye based ink droplets on the
20 print medium;

a second printhead configured to fire black pigment based ink droplets on the print medium; and

a processing system configured to fortify the black content by controlling the first printhead to fire droplets on the predetermined location, the
25 processing system being further configured to print the black content by controlling the second printhead to fire droplets on the predetermined location, wherein the processing system is configured to fortify the black content by controlling the first printhead to fire droplets on an edge of the predetermined location.

32. (New) The apparatus of claim 31, wherein the processing system is further configured to determine whether the print medium is incompatible with the black pigment based ink, control the first printhead to fire droplets on the predetermined location in an essentially complete coverage in response to the print medium being incompatible with the black pigment based ink, and control the second printhead to omit the firing of droplets on the predetermined location in response to the print medium being incompatible with the black pigment based ink.

32. (New) The apparatus of claim 31, further comprising a user interface configured to receive a selected print mode, the user interface being configured to communicate with the processing system, wherein the processing system is further configured to determine whether the print medium is incompatible with the black pigment based ink based on the selected print mode.

33. (New) The apparatus of claim 31, further comprising a media detector configured to detect a print medium type, the media detector being configured to communicate with the processing system, wherein the processing system is further configured to determine whether the print medium is incompatible with the black pigment based ink based on the print medium type.

34. (New) The apparatus of claim 31, wherein the processing system is further configured to fortify the black content by controlling the first printhead to fire droplets on the predetermined location in an essentially uniform, partial density pattern.

35. (New) The apparatus of claim 31, wherein the processing system is further configured to fortify the black content by controlling the first printhead to fire sufficient droplets essentially completely cover the predetermined location.